



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/727,310	
	Filing Date	12/2/2003	
	First Named Inventor	Jonathan T. Foote	
	Art Unit	1234	
	Examiner Name		
Total Number of Pages in This Submission	n/a	Attorney Docket Number	FXPL-01059US0

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Post Card
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> (17) Cited Documents	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Joseph P. O'Malley Reg: 36,226 Fliesler Meyer LLP Customer Number: 23910
Signature	
Date	March 17, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Teri Muir
Signature	
Date	March 17, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Foote et al.

Appln. No.: 10/727,310

Confirm. No.: 5171

Filed: December 2, 2003

Title: SYSTEMS AND METHODS FOR REMOTE
CONTROL OF MULTIPLE DISPLAYS AND
DEVICES

PATENT APPLICATION

Art Unit: 1234

Examiner:

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 17, 2004.

(Signature)

Teri Muir

Signature Date: March 17, 2004

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ The present application is being/was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/preognotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an

Information Disclosure Statement submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

— The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 C.F.R. §1.98 is enclosed, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

— If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

— ***PTA Statement under 37 C.F.R. §1.704(d).*** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.

This statement should be considered because:

☒ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

— **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

- (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
-- OR --
— (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

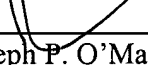
- (1) It is being filed on or before payment of the Issue Fee;
-- AND --
(2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
(3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

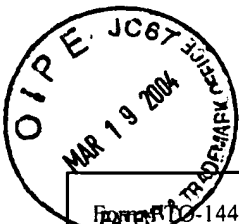
Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: 3/17/04

By: 
Joseph P. O'Malley
Reg. No. 36,226

FLIESLER DUBB MEYER & LOVEJOY LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone (415) 362-3800



PATENT NO. 1449 (Substitute) Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number FXPL-01059US0	Serial/Patent Number 10/727,310
	Applicant/Patent Owner Foote et al.		
	Filing/Issue Date December 2, 2003	Group Art Unit 1234	

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	4,855,746	08/08/89	Stacy	341	176	09/30/84
	4,959,810	09/25/90	Darbee et al.	364	900	12/02/87
	5,898,397	04/27/99	Murray	341	176	08/05/96
	6,020,829	02/01/00	Hörmann	340	825.69	04/23/97

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS

Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

	S. Uchihashi, J. Foote, A. Girgensohn, and J. Boreczky. "Video Magna: Generating Semantically Meaningful Video Summaries." In Proc. ACM Multimedia, (Orlando, FL) ACM Press, pp. 383-392, 1999.
	Qiong Liu, Jon Foote, Lynn Wilcox, Matt Cooper, Don Kimber, and John Boreczky. "General Pointer: A Summary Document." FXPAL Technical Memo TM-01-012, (August 2001)
	Jonathan Foote. "System for a wareness of remote users of a wall display," FXPAL Technical Memo TM-01-003, (April 2001).

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

		Jonathan Foote. "Put It There: Intuitive control of multimedia equipment," FXPAL Technical Memo TM-00-004 (September 2000)
		Intersense Incorporated, "IS-600 Mark 2 Precision Motion Tracker" Http://www.isense.com/products/prec/is600/index.htm
		Polhemus Incorporated, "ISOTRAK II" http://www.polhemus.com/isotraks.htm
		A. Fox, B. Johnson, P. Hanrahan, and T. Winograd. "Integrating Information Appliances into an (Interactive Workspace." In IEEE Computer Graphics and Applications, pp. 54-65, May 2000.
		J. Rekimoto. "A multiple Device Approach for Supporting Whiteboard-based Interactions", In ACM Conference on Human Factors in System", (CHI 1998)
		N. Khotake, J. Rekimoto and Y. Anzai, "InfoStick" an interaction device for Inter-Appliance computing", In Workshop on Handheld and Ubiquitous Computing (HUC'99), 1999.
		S. Wray, T. Glauert, and A. Hopper. The Medusa Applications Environment. Proc. ACM Multimedia, pp. 265-273, 1994,
		T. Hodes, R. Katz, E. Servan-Schreiber, and L. Rowe. "Composable Ad-hoc Mobile Services for Universal Interaction"; computer Science Division, University of California at Berkeley; August 2, 1997; 12 pages.
		T. Hodes, M. Newman, S. McCanne, R.H. Katz, J. Landay. "Shared Remote Control of a Video conferencing Application: Motivation, Design and Implementation." SPIE Multimedia Computing and Networking (MMCN'99), January 1999, pp. 17-28.
		T. Starner, J. Auxier, D. Ashbrook, M. Gandy. "The Gesture Pendant: A Self-illuminating, Wearable, Infrared Computer Version System for Home Automation Control and Medical Monitoring." In Proceedings of IEEE International Symposium of Wearable Computing (ISWC 2000). Atlanta, Ga. October 2000. Http://www.guv.gatech.edu/ccg/publications/gesture_pendant.pdf
		N.A. Streitz, et al. "i-Land: An interactive Landscape for Creativity and Innovations." In ACM Conference on Human Factors in Computing Systems (CHI'99), Pittsburgh, Pennsylvania, U.S.A., May 15-20, 1999. ACM Press, New York, pp. 120-127. Http://www.darmstadt.gmd.de/ambiente/paper/chi99Repring.pdf
		J. Geißler. "Shuffle, throw or take it! Working efficiently with an interactive wall" In geisslerCHI98 Summary, pp. 265-266 ftp://ftp.darmstadt.gmd.de/pub/ambiente/CHI98/geisslerCHI98.ps
		J.R. Cooperstock, S.S. Fels, W. Buxton, and K.C. Smith. "Reactive environments: Throwing away your keyboard and mouse" In Communications of the ACM, 40(7)pp. 65-73, September 1997. http://citeseer.nj.nec.com/cooperstock97reactive.html , also http://www.dgp.toronto.edu/people/rroom/research/papers/cacm.html
		Brumitt, B.L., Meyer, B., Krumm, J., Kern, A., Shafer, S. "EasyLiving: Technologies for Intelligent Environments" In Proc. 2nd Intl. Symposium on Handheld and Ubiquitous Computing, September 2000, pp. 12-27. Http://research.microsoft.com/~jckrumm/Publication/huc2K-final.pdf

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.

*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.